RDA linked data vocabularies data management and use workflow

Gordon Dunsire
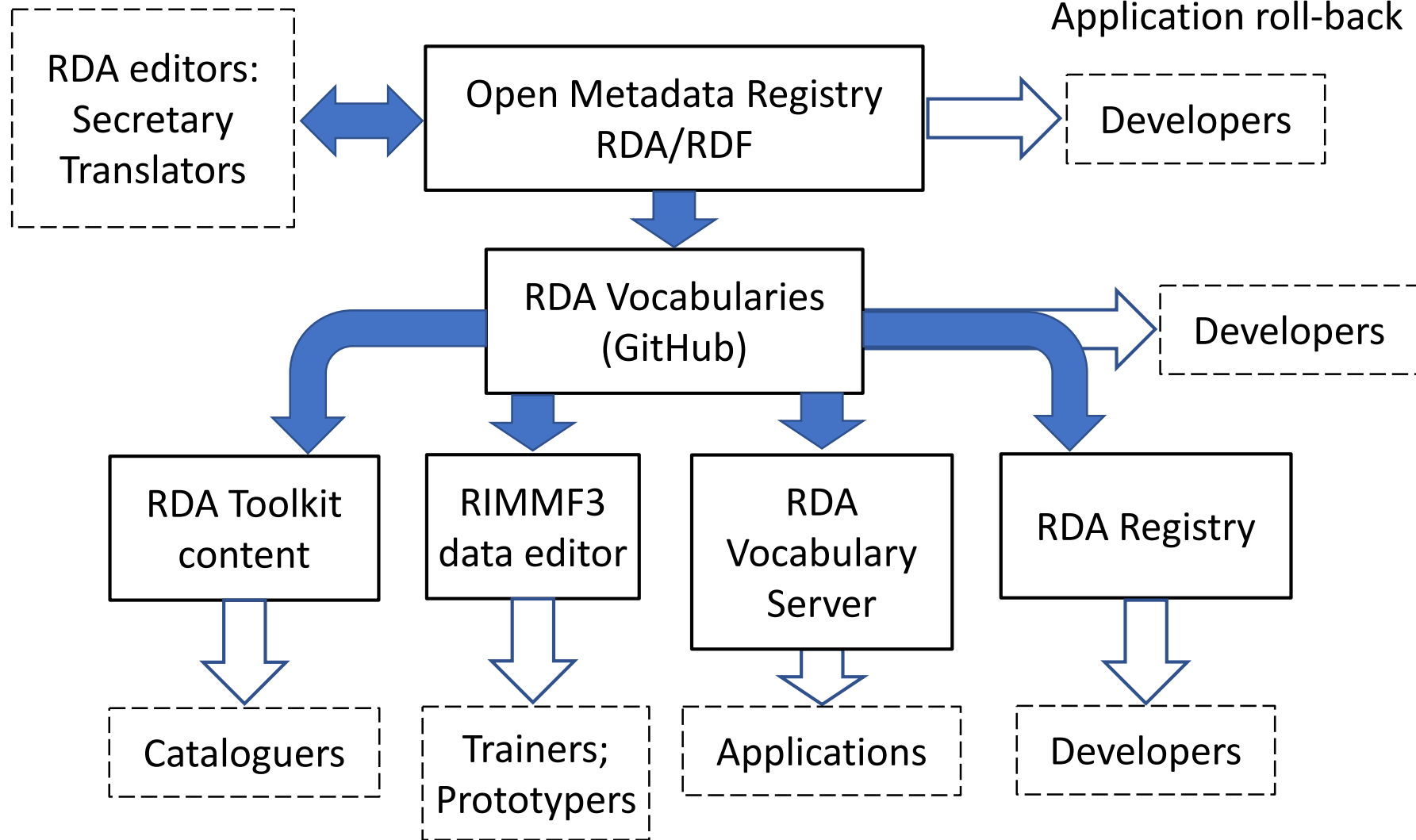
Presented to RDA Linked Data Forum, ALA Annual, Chicago, USA, 26 June 2017

RDA Reference data flow

Entities, element sets, value vocabularies

Atomic audit trail
Deprecation policy

Semantic versioning:
Application roll-back

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  RDA editors:          │  Open Metadata Registry │          Developers
  Secretary      ◄────► │  RDA/RDF                │  ══════►
  Translators           └──────────────────────┘        └ ─ ─ ─ ─ ─ ─ ─ ┘
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Open Metadata Registry RDA/RDF

Developers

RDA Vocabularies (GitHub)

Developers

RDA Toolkit content

RIMMF3 data editor

RDA Vocabulary Server

RDA Registry

Cataloguers

Trainers; Prototypers

Applications

Developers

OMR data import spreadsheet

reg_id	uri	status	preferred label (en)	alternative label (en)	ToolkitLabel (en)	definition (en)	ToolkitDefinition (en)	scope note (en)
534	RDACarrierType:/1002	1	audio cartridge		audio cartridge	A carrier type	A carrier type consist	
535	RDACarrierType:/1003	1	audio cylinder		audio cylinder	A carrier type	A carrier type consist	Wax cylinders, w
536	RDACarrierType:/1004	1	audio disc	sound disc	audio disc	A carrier type	A carrier type consist	
537	RDACarrierType:/1005	1	sound-track reel		sound-track reel	A carrier type	A carrier type consist	Use for sound-tra
538	RDACarrierType:/1006	1	audio roll	piano roll	audio roll	A carrier type	A carrier type consist	
539	RDACarrierType:/1007	1	audiocassette		audiocassette	A carrier type	A carrier type consist	
540	RDACarrierType:/1008	1	audiotape reel		audiotape reel	A carrier type	A carrier type consist	
542	RDACarrierType:/1011	1	computer card		computer card	A carrier type	A carrier type consist	
543	RDACarrierType:/1012	1	computer chip cartri		computer chip ca	A carrier type	A carrier type consist	
544	RDACarrierType:/1013	1	computer disc		computer disc	A carrier type	A carrier type consist	

OMR vocabulary display (HTML)

Vocabulary: Show detail for RDA Carrier Type

Detail	Concepts	History	Versions	Maintainers	Export	Import

Preferred Label	URI	Status	Updated	Actions
aperture card	.../termList/RDACarrierType/1021	Published	2017-06-14 12:59	
audio belt	.../termList/RDACarrierType/1070	Published	2017-06-14 12:59	
✓ Audio carriers (Deprecated)	.../termList/RDACarrierType/1001	Deprecated	2016-07-11 19:01	
audio cartridge	.../termList/RDACarrierType/1002	Published	2017-06-14 12:58	
audio cylinder	.../termList/RDACarrierType/1003	Published	2017-06-14 12:58	
audio disc	.../termList/RDACarrierType/1004	Published	2017-06-14 12:58	
audio roll	.../termList/RDACarrierType/1006	Published	2017-06-14 12:58	

OMR concept display (HTML)

Vocabulary: RDA Carrier Type
Concepts: audio disc

| Detail | Properties | History |

Detail

Preferred Label:	audio disc
Language:	English
URI:	http://rdaregistry.info/termList/RDACarrierType/1004 (RDF)
Top Concept?:	
Status:	Published

Properties

ToolkitLabel	Audiodisk
ToolkitLabel	äänilevy
ToolkitLabel	audio disc
ToolkitLabel	disque audio
ToolkitLabel	录音盘
ToolkitLabel	disco sonoro
ToolkitLabel	đĩa audio
ToolkitLabel	disc àudio

RDA Vocabularies release (GitHub)

RDARegistry / **RDA-Vocabularies**

👁 Unwatch ▾ | 19 | ★ Star | 15 | Fork | 6

‹› Code | ⊘ Issues **34** | ⑂ Pull requests **0** | ▥ Projects **0** | 📖 Wiki | ⚙ Settings | Insights ▾

Releases | Tags

Draft a new release

Latest release

🏷 v2.7.1

⦿ eca9c2f

Edit

Release 2.7.1

🟧 **GordonDunsire** released this 7 days ago

This release:

Fixes minor errors and typos.

Adds new or updated translations of selected element sets and value vocabularies:

Catalan
Danish
Dutch
Finnish
French

RDA Toolkit Glossary entry

audio cylinder	A carrier type consisting of a roller-shaped object on which sound waves are incised or indented in a continuous circular groove. Wax cylinders, wire cylinders, etc., are included.
audio description	A narrative text, read out loud by a human being or by voice synthesis, that succinctly explains visual details not apparent from the audio element of the expression.
audio disc	A carrier type consisting of a disc on which sound waves, recorded as modulations, pulses, etc., are incised or indented in a continuous spiral groove.
audio engineer	An agent contributing to the audio content of an expression by managing the technical aspects of sound during the processes of recording, mixing, and reproduction. *Reciprocal relationship:* audio engineer of.

Vocabulary RDA Toolkit in instructions

Use one or more of the terms from the following list, as appropriate.

Audio carriers

audio belt

audio cartridge

audio cylinder

audio disc

audio roll

audio wire reel

audiocassette

audiotape reel

sound-track reel

RIMMF pick-list in data input form

RIMMF linked data output (RDF)

```
<http://rimmfdata.com/r/lennyb00000025> <http://rdaregistry.info/Elements/m/P30002>
<http://rdaregistry.info/termList/RDAMediaType/1001> .
<http://rimmfdata.com/r/lennyb00000025> <http://rdaregistry.info/Elements/m/P30001>
<http://rdaregistry.info/termList/RDACarrierType/1004> .
<http://rimmfdata.com/r/lennyb00000025> <http://rimmf.com/vocab/extentStatement> "1
audio disc" .
```

Taken from r-ball from the Lenny-a-thon